

## Recreational Development

### General

The soils are rated according to limitations that affect their suitability for camp areas, picnic areas, playgrounds, and paths and trails. Not considered in these ratings, but important in evaluating a site, are location and accessibility of the area, size and shape of the area and its scenic quality, the ability of the soil to support vegetation, access to water, potential water impoundment sites available, and either access to public sewer lines or capacity of the soil to absorb septic tank effluent. Soils subject to flooding are limited in varying degrees for recreational use by the duration of flooding and the season when it occurs. Onsite assessment of height, duration, and frequency of flooding is essential in planning recreational facilities.

### Camp Areas

These are tracts of land used intensively as sites for tents, trailers, campers, and accompanying activities of outdoor living. Camp areas require such site preparation as shaping and leveling in areas for tents and parking areas, for stabilizing roads and intensively used areas, and for installing sanitary facilities and utility lines. Camp areas are subject to heavy foot traffic and some vehicular traffic. The soils are rated on the basis of soil properties that influence the ease of developing camping area and the performance of the camping area after development. Soil properties that influence trafficability and promote the growth of vegetation after heavy use are also important.

### Picnic Areas

Picnic areas are natural or landscaped tracts used primarily for preparing meals and eating outdoors. These areas are subject to heavy foot traffic. Most vehicular traffic is confined to access roads and parking lots. Soils are rated on the basis of properties that influence development costs of shaping the site, trafficability, and growth of vegetation after development. The surface of picnic areas should absorb rainfall readily, remain firm under heavy foot traffic, and not be dusty when dry.

### Playgrounds

These are areas used intensively for games such as baseball, football, and similar activities. Playgrounds require a nearly level soil that is free of stones and that can withstand heavy foot traffic and still maintain adequate vegetation. Soils are rated on the basis of properties that influence cost of shaping, trafficability, and growth of vegetation. Slope and stoniness are the main concerns in developing playgrounds. For good trafficability, the surface of playgrounds should absorb rainfall readily, remain firm under heavy foot traffic, and not be dusty when dry.

### Paths and Trails

Paths and trails are used for walking, horseback riding, and similar uses, and should require little or no cutting and filling in site preparation. Soils are rated on properties that influence trafficability and erodibility. Paths and trails should remain firm under foot traffic and not be dusty when dry.

See the National Soil Survey Handbook, Part 620, for criteria used in rating specific uses.

## Recreational Interpretations

### General

The purpose of these interpretative ratings is to help engineers, planners, and others understand how soil properties influence behavior when used for recreational uses such as camp areas, picnic areas, playgrounds, and paths and trails. Soils are rated for the uses expected to be important or potentially important to users of soil survey information. Ratings for proposed uses are given in terms of limitations. Only the most restrictive features are listed. Other features may need to be treated to overcome soil limitations for a specific purpose.

Soils are rated in their "natural" state, that is, no unusual modification of the soil site or material is made other than that which is considered normal practice for the rated use. Even though soils may have limitations, it is important to remember that engineers and others can modify soil features or can design or adjust the plans for a recreational use to compensate for most degrees of limitations. Most of these practices, however are costly. The final decision in selecting a site for a particular use generally involves weighing the costs for site preparation and maintenance.

### Limitation Ratings

1. Slight - is the rating given soils that have properties favorable for the use. The degree of limitation is minor and can be overcome easily. Good performance and low maintenance can be expected.
2. Moderate - is the rating given soils that have properties moderately favorable for the use. This degree of limitation can be overcome or modified by special planning, design, or maintenance. During some part of the year, the expected performance is less desirable than for soils rated slight.
3. Severe - is the rating given soils that have one or more properties unfavorable for the rated use, such as steep slopes, bedrock near the surface, flooding, or a seasonal high water table. This degree of limitation generally requires major soil reclamation, special design, or intensive maintenance, which in most situations is difficult and costly.

**RECREATIONAL DEVELOPMENT****Somerset County, Southern Part**

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<b>Soil name and map symbol</b>	<b>Camp Areas</b>	<b>Picnic Areas</b>	<b>Playgrounds</b>	<b>Path and Trails</b>
<b>AaB</b> ADAMS	Slight:	Slight:	Moderate: slope	Slight:
<b>AaC</b> ADAMS	Moderate: slope	Moderate: slope	Severe: slope	Slight:
<b>AaD</b> ADAMS	Severe: slope	Severe: slope	Severe: slope	Moderate: slope
<b>BaB</b> BANGOR	Moderate: percs slowly	Moderate: percs slowly	Moderate: slope, small stones	Slight:
<b>BaC2</b> BANGOR	Moderate: percs slowly, slope	Moderate: percs slowly, slope	Severe: slope	Slight:
<b>BgB</b> BANGOR	Moderate: large stones, small stones	Moderate: large stones, small stones	Severe: large stones, small stones	Slight:
<b>BgC</b> BANGOR	Moderate: large stones, slope	Moderate: large stones, slope	Severe: large stones, slope, small stones	Slight:
<b>BgD</b> BANGOR	Severe: slope	Severe: slope	Severe: large stones, slope, small stones	Moderate: slope
<b>BhB</b> BERKSHIRE	Moderate: small stones	Moderate: small stones	Severe: small stones	Slight:
<b>BhC</b> BERKSHIRE	Moderate: slope, small stones	Moderate: slope, small stones	Severe: slope, small stones	Slight:
<b>BkB</b> BERKSHIRE	Moderate: large stones, small stones	Moderate: large stones, small stones	Severe: large stones, small stones	Slight:

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<b>BkC</b> BERKSHIRE	Moderate: large stones, slope	Moderate: large stones, slope	Severe: large stones, slope, small stones	Slight:
<b>BkE</b> BERKSHIRE	Severe: slope	Severe: slope	Severe: large stones, slope, small stones	Severe: slope
<b>Bo</b> BIDDEFORD	Severe: percs slowly, ponding	Severe: excess humus, percs slowly, ponding	Severe: excess humus, percs slowly, ponding	Severe: excess humus, ponding
<b>BuB</b> BUXTON	Severe: percs slowly, wetness	Severe: percs slowly, wetness	Severe: percs slowly, wetness	Severe: wetness
<b>BuC2</b> BUXTON	Severe: percs slowly	Severe: percs slowly	Severe: percs slowly, slope	Moderate: wetness
<b>CnC</b> COLTON	Moderate: slope, small stones	Moderate: slope, small stones	Severe: slope, small stones	Slight:
<b>CnD</b> COLTON	Severe: slope	Severe: slope	Severe: slope, small stones	Moderate: slope
<b>CnE</b> COLTON	Severe: slope	Severe: slope	Severe: slope, small stones	Severe: slope
<b>DxB</b> DIXMONT	Severe: wetness	Moderate: percs slowly, wetness	Severe: wetness	Moderate: wetness
<b>DxC</b> DIXMONT	Severe: wetness	Moderate: percs slowly, slope, wetness	Severe: slope, wetness	Moderate: wetness
<b>DyB</b> DIXMONT	Severe: wetness	Moderate: large stones, wetness	Severe: large stones, wetness	Moderate: wetness

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<b>DyC</b> DIXMONT	Severe: wetness	Moderate: large stones, slope, wetness	Severe: large stones, slope, wetness	Moderate: wetness
<b>Dz</b> DUNE LAND	Severe: slope, too sandy	Severe: slope, too sandy	Severe: slope, too sandy	Severe: too sandy
<b>Ha</b> HADLEY	Severe: flooding	Slight:	Slight:	Slight:
<b>Lc</b> LEICESTER	Severe: wetness	Severe: wetness	Severe: small stones, wetness	Severe: wetness
<b>Lk</b> LIMERICK	Severe: flooding, wetness	Severe: wetness	Severe: wetness	Severe: wetness
<b>LyB</b> LYMAN	Severe: depth to rock	Severe: depth to rock	Severe: depth to rock, small stones	Slight:
<b>LyC</b> LYMAN	Severe: depth to rock	Severe: depth to rock	Severe: depth to rock, slope, small stones	Slight:
<b>LzC</b> LYMAN	Severe: depth to rock	Severe: depth to rock	Severe: depth to rock, large stones, slope	Slight:
<b>LzE</b> LYMAN	Severe: depth to rock, slope	Severe: depth to rock, slope	Severe: depth to rock, large stones, slope	Severe: slope
<b>MbB</b> MADAWASKA	Severe: wetness	Moderate: wetness	Severe: wetness	Moderate: wetness
<b>MeB</b> MELROSE	Severe: percs slowly	Severe: percs slowly	Severe: percs slowly	Slight:

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<b>Mn</b> MIXED ALLUVIAL LAND	Severe: flooding, ponding	Severe: ponding	Severe: flooding, ponding	Severe: ponding
<b>Mo</b> MONARDA	Severe: percs slowly, wetness	Severe: percs slowly, wetness	Severe: wetness	Severe: wetness
<b>Mr</b> MONARDA	Severe: wetness	Severe: wetness	Severe: large stones, small stones	Severe: wetness
<b>Pa</b> PEAT	Severe: excess humus, ponding	Severe: excess humus, ponding	Severe: excess humus, ponding	Severe: excess humus, ponding
<b>MUCK</b>	Severe: excess humus, ponding	Severe: excess humus, ponding	Severe: excess humus, ponding	Severe: excess humus, ponding
<b>PcB</b> PERU	Moderate: percs slowly, wetness	Moderate: percs slowly, wetness	Moderate: slope, small stones, wetness	Moderate: wetness
<b>PdB</b> PERU	Moderate: percs slowly, wetness	Moderate: percs slowly, wetness	Moderate: large stones, slope, wetness	Moderate: wetness
<b>PdC</b> PERU	Moderate: percs slowly, slope, wetness	Moderate: percs slowly, slope, wetness	Severe: slope	Moderate: wetness
<b>PgB</b> PLAISTED	Moderate: percs slowly	Moderate: percs slowly	Moderate: slope, small stones	Slight:
<b>PgC</b> PLAISTED	Moderate: percs slowly, slope	Moderate: percs slowly, slope	Severe: slope	Slight:
<b>PrB</b> PLAISTED	Moderate: percs slowly	Moderate: percs slowly	Moderate: large stones, slope	Slight:

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<b>PrC</b> PLAISTED	Moderate: percs slowly, slope	Moderate: percs slowly, slope	Severe: slope	Slight:
<b>PrD</b> PLAISTED	Severe: slope	Severe: slope	Severe: slope	Moderate: slope
<b>RtC</b> ROCK LAND	Severe: depth to rock	Severe: depth to rock	Severe: depth to rock, slope	Slight:
THORNDIKE	Severe: depth to rock, small stones	Severe: depth to rock, small stones	Severe: large stones, slope, small stones	Slight:
LYMAN	Severe: depth to rock, large stones	Severe: depth to rock, large stones	Severe: depth to rock, large stones, slope	Slight:
<b>RtE</b> ROCK LAND	Severe: depth to rock, slope	Severe: depth to rock, slope	Severe: depth to rock, slope	Severe: slope
THORNDIKE	Severe: depth to rock, slope, small stones	Severe: depth to rock, slope, small stones	Severe: large stones, slope, small stones	Severe: slope
LYMAN	Severe: depth to rock, slope	Severe: depth to rock, slope	Severe: depth to rock, large stones, slope	Severe: slope
<b>Sc</b> SCANTIC	Severe: percs slowly, wetness	Severe: percs slowly, wetness	Severe: percs slowly, wetness	Severe: wetness
<b>Sk</b> SKOWHEGAN	Severe: wetness	Moderate: wetness	Severe: wetness	Moderate: wetness
<b>StB</b> STETSON	Slight:	Slight:	Moderate: slope, small stones	Slight:

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<b>SuC2</b> SUFFIELD	Severe: percs slowly	Severe: percs slowly	Severe: percs slowly, slope	Moderate: wetness
<b>SuD2</b> SUFFIELD	Severe: percs slowly, slope	Severe: percs slowly, slope	Severe: percs slowly, slope	Moderate: slope, wetness
<b>TkC</b> THORNDIKE	Severe: depth to rock, small stones	Severe: depth to rock, small stones	Severe: large stones, slope, small stones	Slight:
<b>TkD</b> THORNDIKE	Severe: depth to rock, slope, small stones	Severe: depth to rock, slope, small stones	Severe: large stones, slope, small stones	Moderate: slope
<b>TpB</b> THORNDIKE	Severe: depth to rock, small stones	Severe: depth to rock, small stones	Severe: depth to rock, small stones	Slight:
<b>PLAISTED</b>	Moderate: percs slowly	Moderate: percs slowly	Moderate: slope, small stones	Slight:
<b>TpC</b> THORNDIKE	Severe: depth to rock, small stones	Severe: depth to rock, small stones	Severe: depth to rock, slope, small stones	Slight:
<b>PLAISTED</b>	Moderate: percs slowly, slope	Moderate: percs slowly, slope	Severe: slope	Slight:
<b>TpD</b> THORNDIKE	Severe: depth to rock, slope, small stones	Severe: depth to rock, slope, small stones	Severe: depth to rock, slope, small stones	Moderate: slope
<b>PLAISTED</b>	Severe: slope	Severe: slope	Severe: slope	Moderate: slope
<b>TtB</b> THORNDIKE	Severe: depth to rock, small stones	Severe: depth to rock, small stones	Severe: depth to rock, small stones	Slight:



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<b>TtB</b> BANGOR	Moderate: percs slowly	Moderate: percs slowly	Moderate: slope, small stones	Slight:
<b>TtC</b> THORNDIKE	Severe: depth to rock, small stones	Severe: depth to rock, small stones	Severe: depth to rock, slope, small stones	Slight:
BANGOR	Moderate: percs slowly, slope	Moderate: percs slowly, slope	Severe: slope	Slight:
<b>TtD</b> THORNDIKE	Severe: depth to rock, slope, small stones	Severe: depth to rock, slope, small stones	Severe: depth to rock, slope, small stones	Moderate: slope
BANGOR	Severe: slope	Severe: slope	Severe: slope	Moderate: slope
<b>Wa</b> WALPOLE	Severe: wetness	Severe: wetness	Severe: wetness	Severe: wetness
<b>Wn</b> WINOOSKI	Severe: flooding	Moderate: wetness	Moderate: flooding, wetness	Moderate: wetness